LAKEAIR MEDIA AIR CLEANER
1 YEAR LIMITED WARRANTY

The complete LakeAir Media or Hepa Air Cleaner is warranted by Air Aware Inc. to the original purchaser to be free from defects in material and workmanship under normal use and service for a period of one year from the date of purchase. Air Aware's liability is to be limited to repairing or replacing such products during the warranty period at its option, providing the product is sent prepaid to Air Aware Inc. or an Authorized Service Center and is deemed to the satisfaction of Air Aware Inc. to be defective in any part or portion.

This warranty is in lieu of any other warranty expressed or implied and of all other obligations or liabilities in connection with the sale of the described LakeAir Media or Hepa Air Cleaner. In no case will any claim for consequential damages or labor expenses be allowed. This warranty does not apply to a LakeAir Media or Hepa or any part thereof which has not been operated in accordance with the operating instructions herein contained; where components or other accessories not compatible with the LakeAir Media or Hepa Air Cleaner have been used or attached to it; which has been subject to accident, unauthorized alteration, abuse, damage by flood, fire or acts of nature.

User's Responsibility

Please Note: Your warranty is subject to user responsibility. Some items and some conditions resulting from causes other than manufacturing defects are the responsibility of the user of the LakeAir Media or Hepa Air Cleaner and are not covered by the warranty. These are:

1. To operate and maintain according to instructions.

2. Periodic checking and cleaning of unit. Failure to clean or replace filter when needed will void warranty.

3. Proper use of controls must be maintained or warranty will be voided.

4. Damage to unit from unsatisfactory operation because of blowing fuses, inadequate electrical service or operation on power supply other than that indicated on the rating plate, or incorrect electrical protection devices used.

5. Damage occurring during transportation or resulting from improper handling.

6. Damage due to accident or resulting from alteration or tampering.

7. Misapplication of product.

QUALITY lakeair PRODUCTS

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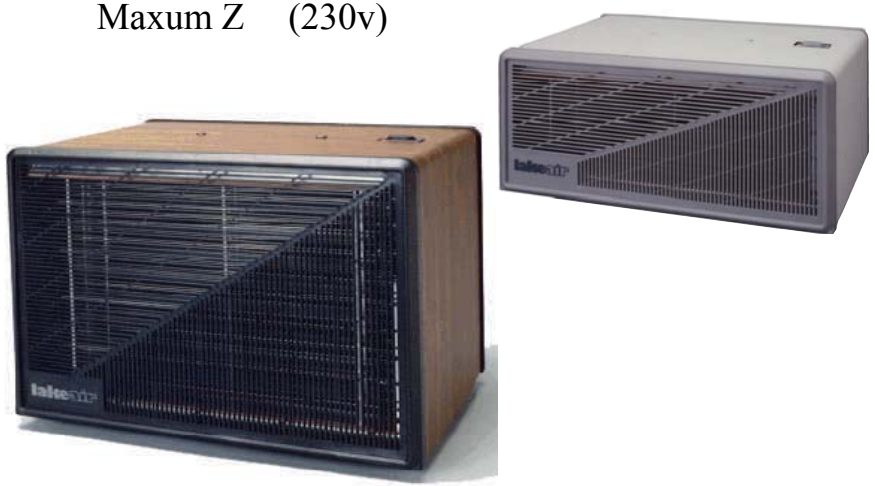
1-800-667-8721

lakeair™

Portable Media air cleaner

Operating and Service Manual

Excel Z (120v)
Excel Z (230v)
Maxum Z (120v)
Maxum Z (230v)



air aware INCORPORATED

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UNPACKING AND OPERATING INSTRUCTIONS

In order to operate your LakeAir Air Cleaner properly, it is necessary to remove plastic packing material from the media filter inside the unit. (Remove plastic packaging material from the optional carbon after filter inside the unit if included as well).

1. Un-screw and remove the two fasteners from the top of the cabinet.

2. Lift the cover assembly from the chassis and set aside.

3. Take off the protective packing material and discard.

4. Replace the media filter (and carbon after filter if included), then the cover assembly, making sure to include both of the fasteners. NOTE: The fasteners must be in place and secured snugly or the unit will not operate.

Place your LakeAir Air Cleaner in a convenient area in the desired room. If you are using the air cleaner for a specific purpose, such as smoke removal, locate the air cleaner as close as possible to the source. (Such as near a smoking stand.) Care should be taken to allow at least 4-6" of unobstructed space behind the unit so that it will exhaust freely into the room. If, however, you position the unit so that the airflow is parallel to the nearest wall, you need not allow as much free space. For best results the unit should be elevated by placing it on a table or stand. It can also be mounted on a wall, using our convenient wall mount option.

Plug the line cord into a standard household outlet with 120V AC 60 Hz. Caution should be taken to use the unit only on the required voltage, as to do otherwise will void the warranty.

OPERATING AND MAINTENANCE INSTRUCTIONS

Position the unit and plug it into the proper line voltage before turning it on.

1. To turn unit on, locate the three-position rocker switch on top of the unit. Depress the button to activate the unit on the desired speed; *High, Low,* or *Off* (center, flat position). Under normal conditions, the *Low* position is adequate to keep an average size room clean. With excessive amounts of dust, smoke, or other pollutants present, the air cleaner should be operated on high.

2. To shut the unit off, simply push the button to its center (flat) position and unplug the unit from the line voltage.

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EXCEL PARTS

Part#	Description
20062	Excel Z Motor
499052	Fan Blade
499018	Media Filter
10066	Cover Assembly– Wood grain
495142	Chassis
10067	Cover Assembly– White
499027	Optional carbon filter
10066	Cover Assembly-Black

MAXUM PARTS

Part#	Description
20063	Maxum Z Motor
495101	Fan Blade
499085	Media Filter
10064	Cover Assembly-Wood grain
495156	Chassis
10065	Cover Assembly-White
499005	Optional carbon filter
10064	Cover Assembly-Black
499024	Optional Super-Max carbon filter

Common Parts

497613 Grey Rocker Switch
497612 Black Rocker Switch
499009 Mounting Feet

Note:
Above items are available from your local LakeAir dealer.

TROUBLESHOOTING YOUR LAKEAIR MEDIA AIR CLEANER

Some of the common causes for malfunction of your air cleaner are listed below. Review them should you have a problem, and perform the corrective measures listed here. If your LakeAir Media Air Cleaner is not restored to proper operation, contact your Dealer, nearest Authorized Service Center, or Air Aware.

Problem	Possible Cause	Possible Remedy
Air cleaner will not operate	Control switch is in *Off* Position	Depress power switch to *High* or *Low*
	Power cord not plugged in	Plug in power cord
	Blown fuse in household or breaker tripped.	Replace fuse or reset breaker
	Cover removed	Replace cover
	Cover fasteners not tight	Tighten fasteners snugly
Small volume of air discharged from unit	Extremely dirty media filter	Replace filter according to In-structions
	Plastic packing still on carbon after filter	Remove plastic wrap
Unit not effectively cleaning the air	Media filter dirty	Replace according to Instructions
	Media filter is not properly installed	Check reassemble instructions
Odors more pronounced than usual	Service life of carbon after filter expired	Discard and replace the carbon after filter
	Air cleaner being used in a confined space	Open doors to the adjoining rooms

If any of the problems are not solved to your satisfaction, please contact your Dealer or Air Aware

Maintenance

Your LakeAir Air Cleaner is a high quality, precision piece of equipment designed for long years of satisfactory performance. Adhere to a regular maintenance schedule and no problems should occur. This unit should be checked periodically for "dust load" and replace filter regularly. Under regular conditions the media filter should be replaced every 3-4 months. Under more severe conditions more frequent replacement may be required. **Note: Change filter when noticeably dirty as it will damage the motor if it is not changed frequently enough. To obtain maximum efficiency from your LakeAir Media Air Cleaner it must be kept clean.**

In addition to the grilles and filters, care should be taken to keep the rest of the unit clean as well.

Disassembly and Cleaning

1. Turn off unit and disconnect line cord from outlet.

2. Remove fasteners from cover assembly.

3. Lift cover from chassis.

4. Replace media filter and discard old filter.

5. Do not wash the carbon after filter. This filter should be brushed or cleaned with a vacuum cleaner if any dust is present. This filter should also be replaced when there is an indication that it is no longer absorbing odors. Normal replacement is approximately every 3-4 months.

NOTE: TO INSURE PROPER OPERATION, FILTER(S) SHOULD BE REPLACED AT REGULAR INTERVALS. FAILURE TO REPLACE MEDIA FILTER WILL VOID THE WARRANTY.

Reassembly

1. Replace media filter
2. Place the carbon after filter back into the unit if purchased

3. Replace the cover assembly and secure with the fasteners.

4. Before plugging the unit in, make sure the power button is in the *Off* position. Plug in the line cord and turn the unit on to the *High* or *Low* position.

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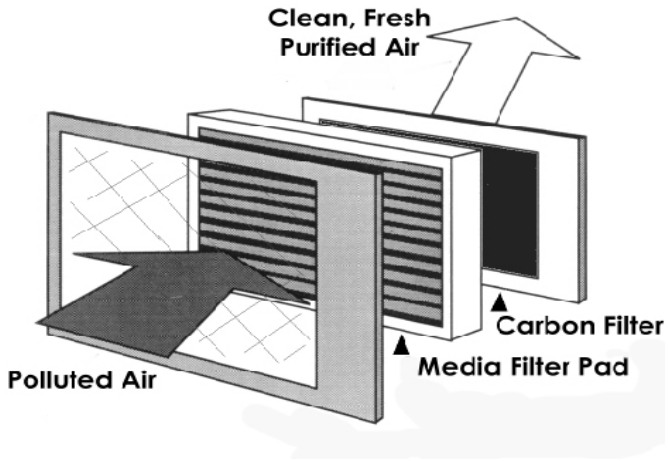
DESCRIPTION OF PARTS



1. COVER ASSEMBLY: The vinyl covered metal cover assembly is secured to the chassis by means of two screw fasteners on top of the unit. The cover assembly includes the two grille sections.

2. CHASSIS: The chassis consists of the base of the Excel and Maxum and has several components of the unit attached to it. The motor and fan, power supply, control switch, and all internal wiring are found in the chassis.

3. OPTIONAL CARBON AFTER FILTER: The carbon after filter is optional in all Excel and Maxum units and is used as an after filter to remove objectionable odors from the cleaned air.

4. MEDIA FILTER: This is the workhorse of the LakeAir Air Cleaner and performs the major function of the air cleaner by removing the particles from the air.

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HOW A LAKEAIR UNIT WORKS

In business establishments or in your home, millions of airborne particles are continually being circulated in the air you breathe. A LakeAir Media Air Cleaner removes: smoke, dust, dirt, pollen, and other particulates like a powerful pollution trap.

1. The internal circulating fan draws the dirty air into the system where it first must pass through the outer grille.

2. The air then passes into the media filter, a revolutionary filter that has electro statically charge synthetic media.

3. The optional activated carbon filter removes odors and freshens the air.

4. The cleaned and purified air is then returned to the room environment.

SPECIFICATIONS

	EXCEL Z 120v	**EXCEL Z 230v**	**MAXUM Z 120v**	**MAXUM Z 230 v**
Input Voltages:	120v 60 Hz 72 Watts	230v 50/60 Hz	120V 60Hz 102 Watts	230v 50/60 Hz
Cleaning Capacity:	Low: 70 cfm High: 110 cfm	Low: 1.98 m3/min. High: 3.12 m3/min.	Low: 210 cfm High: 275 cfm	Low: 5.95 m3/min. High: 7.79 m3/min.
Actual Size:	13” x 17” x 8”	33cm x 43.2cm x 20.3cm	13.5” x 13” x 17”	34.3cm x 33cm x 43.2cm
Actual Weight:	14 lbs.	6.4 kg	17 lbs.	7.7 kg
Shipping Size:	19” x 15.5” x 10”	48.3cm x 39.4cm x 25.4cm	19” x 15.5” x 15.5”	48.3cm x 39.4cm x 39.4cm
Shipping Weight:	19 lbs.	8.6 kg	21 lbs.	9.5 kg